Series TDA-V

Features
For commercial and industrial applications where large volumes of air are required at moderate to high pressure, specially designed guide vanes reduce turbulence, provide high performance and low sound level.

Construction
Double flanged casing is produced in mild steel or galvanised steel. The impeller having manually adjustable pitch aerofoil blades is made of Aluminium.

Finish
Available in standard finishes of galvanisation or painting.

Operating Temperature
-20°C to +55°C

Motors
Totally enclosed Class 'F' motors with a min. IP54 protection are fitted as standard. Standard motors up to 2.2kW are usually supplied on DOL starting. Motors 3.0kW and above are star/delta starting.

Airflow Direction
Air flow from impeller to motor is fitted as standard.

<table>
<thead>
<tr>
<th>MOTOR: TDA 400-V / 12AA / 5-5 /__/</th>
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<tbody>
<tr>
<td>Motor no. of pole – 2, 4 or 6</td>
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<tr>
<td>Motor Power kW</td>
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<tr>
<td>Airflow direction – B</td>
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<tr>
<td>Blade angle – 18°, 20°, 22°, 24°, 26°, 28°, 30°, 32°, 34°, 36°, 38°, 40°, 42°</td>
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</tbody>
</table>

* All Dimension in mm

Kruger Ventilation Industries (India) Pvt Ltd certifies that the TDA 400-V shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LW/IA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDA 400-V / 12AA/ 5-5/ _ _ / _
2850rpm - 50Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lw median sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDA 400-V / 12AA/ 5-5/ _ _ / _
1150rpm - 60Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet \\textit{L}_\text{wA} sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet I, A sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.
TDA 400-V / 12AA/ 5-5/ _ _ / _
3450rpm - 60Hz

- Performance certified is for installation type D - ducted inlet, ducted outlet. Performance ratings do not include the effects of appurtenances (accessories).
- The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet IwiA sound power levels for installation type D - ducted inlet, ducted outlet. Ratings include the effects of duct end correction.